Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011122\
Data File : BP008766.D
Acq On : 11 Jan 2022 14:30
Operator : CG/JU
Sample : N1054-06MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220018-CAPE-6-COMPMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/12/2022
Supervised By :Jagrut Upadhyay 01/12/2022

Quant Time: Jan 12 00:20:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 12 00:18:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	334209	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1256173	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	756580	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1468922	20.000	ng		0.00
76) Chrysene-d12	21.339	240	1356927	20.000	ng		0.00
86) Perylene-d12	23.756	264	1373762	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	2713748	127.155	ng		0.00
7) Phenol-d6	7.040	99	3275059	114.311	ng		0.00
23) Nitrobenzene-d5	9.022	82	1936114	87.287	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	1340533	105.022	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	4663167	86.652	ng		0.00
79) Terphenyl-d14	19.810	244	5833848	87.613	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	357597	44.426	ng		97
3) Pyridine	3.752	79	943883	49.851	ng		97
4) n-Nitrosodimethylamine	3.663	42	380249	45.070	ng		91
6) Aniline	7.187	93	887722	24.665	ng		98
8) 2-Chlorophenol	7.428	128	1024751	42.486	ng		98
9) Benzaldehyde	6.999	77	551239	28.429	ng		98
10) Phenol	7.063	94	1233658	42.079	ng		97
11) bis(2-Chloroethyl)ether	7.287	93	936057	41.191	ng		99
12) 1,3-Dichlorobenzene	7.751	146	1178251	43.239	ng		98
13) 1,4-Dichlorobenzene	7.898	146	1194977	42.913	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1134557	42.016	ng		99
15) Benzyl Alcohol	8.104	79	806092	37.873	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.398	45	1027050	39.653	ng		99
17) 2-Methylphenol	8.310	107	796667	39.416	ng		97
18) Hexachloroethane	8.945	117	406249	43.372	ng		100
19) n-Nitroso-di-n-propyla...	8.675	70	655356	35.231	ng		96
20) 3+4-Methylphenols	8.640	107	1060774	37.825	ng		99
22) Acetophenone	8.687	105	1422558	42.919	ng	#	97
24) Nitrobenzene	9.063	77	991163	44.142	ng		97
25) Isophorone	9.598	82	1736240	39.801	ng		99
26) 2-Nitrophenol	9.775	139	520283	44.432	ng		94
27) 2,4-Dimethylphenol	9.845	122	889604	42.412	ng		98
28) bis(2-Chloroethoxy)met...	10.075	93	1141063	41.951	ng		99
29) 2,4-Dichlorophenol	10.316	162	976255	43.418	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	1090221	44.506	ng		99
31) Naphthalene	10.716	128	2955470	43.515	ng		100
32) Benzoic acid	10.004	122	594926	42.424	ng		98
33) 4-Chloroaniline	10.828	127	405810	13.313	ng		98
34) Hexachlorobutadiene	11.010	225	667062	45.041	ng		99
35) Caprolactam	11.616	113	264362	33.085	ng		95
36) 4-Chloro-3-methylphenol	11.957	107	878702	38.583	ng		99
37) 2-Methylnaphthalene	12.328	142	2155214	40.332	ng		98
38) 1-Methylnaphthalene	12.545	142	1979278	39.880	ng		100
40) 1,2,4,5-Tetrachloroben...	12.698	216	1217339	48.404	ng		99
41) Hexachlorocyclopentadiene	12.681	237	1214488	81.228	ng		99
43) 2,4,6-Trichlorophenol	12.934	196	760916	45.442	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	821702	44.643	ng	98
46) 1,1'-Biphenyl	13.333	154	2756422	46.737	ng	100
47) 2-Chloronaphthalene	13.375	162	2084484	46.049	ng	99
48) 2-Nitroaniline	13.575	65	496219	44.910	ng	94
49) Acenaphthylene	14.222	152	3196892	44.454	ng	100
50) Dimethylphthalate	13.963	163	2467630	41.042	ng	100
51) 2,6-Dinitrotoluene	14.075	165	540473	41.567	ng	94
52) Acenaphthene	14.563	154	1921544	44.612	ng	99
53) 3-Nitroaniline	14.404	138	309083	23.291	ng	96
54) 2,4-Dinitrophenol	14.610	184	590375	89.033	ng	95
55) Dibenzofuran	14.898	168	3080839	43.371	ng	99
56) 4-Nitrophenol	14.722	139	910746	82.419	ng	94
57) 2,4-Dinitrotoluene	14.863	165	728812	41.065	ng	91
58) Fluorene	15.551	166	2461201	43.043	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.128	232	675679m	40.850	ng	
60) Diethylphthalate	15.328	149	2354776	40.391	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1305739	42.562	ng	99
62) 4-Nitroaniline	15.569	138	509362	36.968	ng	92
63) Azobenzene	15.839	77	2049967	44.858	ng	95
65) 4,6-Dinitro-2-methylph...	15.627	198	373953	45.883	ng	92
66) n-Nitrosodiphenylamine	15.757	169	2124770	47.730	ng	100
67) 4-Bromophenyl-phenylether	16.439	248	788640	45.376	ng	96
68) Hexachlorobenzene	16.563	284	895537	44.287	ng	98
69) Atrazine	16.716	200	734636	40.656	ng	99
70) Pentachlorophenol	16.904	266	1077918	85.389	ng	100
71) Phenanthrene	17.298	178	3693574	45.256	ng	99
72) Anthracene	17.386	178	3763195	45.150	ng	99
73) Carbazole	17.657	167	3334643	43.654	ng	99
74) Di-n-butylphthalate	18.216	149	3937516	45.021	ng	99
75) Fluoranthene	19.263	202	4260673	43.596	ng	97
77) Benzidine	19.439	184	1558956	26.850	ng	99
78) Pyrene	19.616	202	4398016	49.569	ng	98
80) Butylbenzylphthalate	20.492	149	1682414	46.376	ng	99
81) Benzo(a)anthracene	21.321	228	4068389	45.702	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	1175771	29.073	ng	98
83) Chrysene	21.374	228	3941839	45.902	ng	98
84) Bis(2-ethylhexyl)phtha...	21.257	149	2466745	46.572	ng	97
85) Di-n-octyl phthalate	22.186	149	4140798	44.046	ng	99
87) Indeno(1,2,3-cd)pyrene	26.280	276	5032199	45.843	ng	99
88) Benzo(b)fluoranthene	23.021	252	4220002	47.014	ng	99
89) Benzo(k)fluoranthene	23.068	252	4062761	48.363	ng	98
90) Benzo(a)pyrene	23.651	252	4031148	46.465	ng	100
91) Dibenzo(a,h)anthracene	26.298	278	4238533	45.697	ng	99
92) Benzo(g,h,i)perylene	27.056	276	4173941	45.335	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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